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(71) Applicant (for all designated States except US): KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL];  
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): PENG, Yang

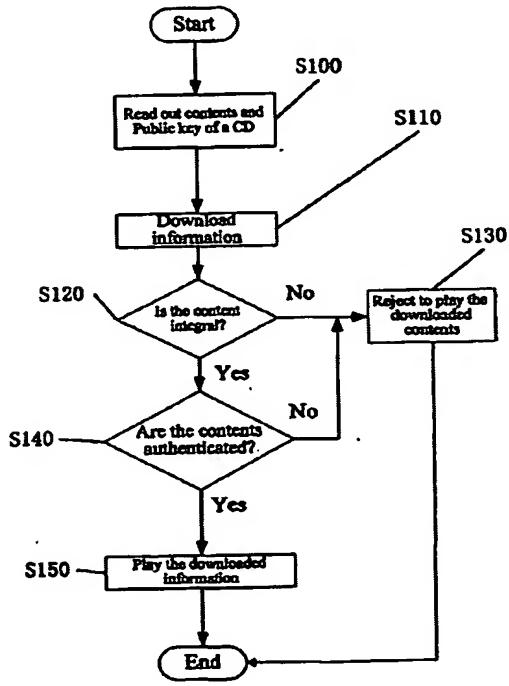
[CN/CN]; Philips Electronics China, 21/F Kerry Office Building 218 Tian Mu, Xi Road, Shanghai 200070 (CN). HE, Dahua [CN/CN]; Philips Electronics China, 21/F Kerry Office Building 218 Tian Mu, Xi Road, Shanghai 200070 (CN). KELLY, Declan Patrick [NL/NL]; Philips Electronics China, 21/F Kerry Office Building 218 Tian Mu, Xi Road, Shanghai 200070 (CN). NEWTON, Phillip Steven [NL/NL]; Philips Electronics China, 21/F Kerry Office Building 218 Tian Mu, Xi Road, Shanghai 200070 (CN). JIN, Sheng [CN/CN]; Philips Electronics China, 21/F Kerry Office Building 218 Tian Mu, Xi Road, Shanghai 200070 (CN).

(74) Common Representative: KONINKLIJKE PHILIPS ELECTRONICS N.V.; c/o HAQUE, Azir, Philips Electronics China, 21/F Kerry, Office Building, 218 Tian Mu Xi Lu Road, Shanghai 200070 (CN).

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(54) Title: OPTICAL DISC, OPTICAL DISC PLAYER AND METHOD FOR PLAYING AN OPTICAL DISC TOGETHER WITH AN AUTHENTICATION OF DOWNLOADED CONTENT



(57) **Abstract:** An optical disk, optical disk player and optical disk playing method are disclosed, wherein the optical disk is used to play in coordination with the downloaded contents. The optical disk has a public key used to verify whether the downloaded content is authenticated. The optical disk player comprises a reading-out means, a network interface and a verifying module, in which the reading-out means is used to read-out the content and the public key of the optical disk; the network interface is used to receive the downloaded content; and the verifying module is used to verify whether the downloaded content is authenticated according to the public key read-out from the optical disk. The optical disk playing method consists of reading-out the content and the public key of the optical disk, downloading the content, then verifying the downloaded content according to the public key read-out from the optical disk, in order to confirm whether the downloaded content is authenticated.